

CLAIM AMENDMENTS

1-8. (Canceled)

9. (New) A spray head for high-pressure jet applications, comprising:
a nozzle carrier, and
at least one exchangeable nozzle disposed in a bore of the nozzle carrier
and sealed along an annular surface against the wall of the bore,
wherein the bore, at a bore bottom against which the exchangeable nozzle
directly bears, is conically configured,
wherein the exchangeable nozzle, at a nozzle seat in the region of the bore
bottom, is likewise conically configured, and
wherein, in an installed, functional state, the nozzle seat, along the
annular surface, bears directly and in a sealing manner against the bore bottom.

10. (New) The spray head as claimed in claim 9, wherein the bore bottom
has an included angle greater than a corresponding flank angle of the nozzle
seat.

11. (New) The spray head as claimed in claim 10, wherein the flank angle
differs from the included angle by no more than about 5°.

12. (New) The spray head as claimed in claim 10, wherein the flank angle of the nozzle seat measures about 58° and the included angle of the bore bottom measures about 60° .

13. (New) The spray head as claimed in claim 9, wherein, for positional locking of the exchangeable nozzle in the nozzle carrier, the cross-sectional area of the nozzle seat has a shape which corresponds to a shape of the cross-sectional area of the bore bottom, and wherein the cross-sectional areas are non-circular.

14. (New) The spray head as claimed in claim 13, wherein the cross-sectional areas are circular arc segments spaced apart in parallel.

15. (New) The spray head as claimed in claim 9, wherein positional locking is effected on a high-pressure side.

16. (New) The spray head as claimed in claim 9, wherein the exchangeable nozzle is held in the installed state in the bore by an external holding screw, wherein the holding screw is screwed into the bore of the nozzle carrier, wherein the holding screw, at a screw bottom against which the exchangeable nozzle directly bears, is conically configured, and wherein the exchangeable nozzle, in a screw seat of the screw bottom, is likewise of correspondingly conical configuration.

17. (New) The spray head as claimed in claim 11, wherein the flank angle differs from the included angle by no more than about 3° .

18. (New) The spray head as claimed in claim 11, wherein the flank angle differs from the included angle by no more than about 1° .

19. (New) The spray head as claimed in claim 9, wherein the annular surface defines an annular line.